



Rabbit Anti-STP2 antibody

SL7461R

Product Name:	STP2
Chinese Name:	核过渡蛋白2抗体
Alias:	Nuclear transition protein 2; TNP2; ST1A2_HUMAN; TP 2; TP2; Transition protein 2 (during histone to protamine replacement).
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	34kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human STP2:221-295/295
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	In the elongating spermatids of mammals, the conversion of nucleosomal chromatin to the compact, nonnucleosomal form found in the sperm nucleus is associated with the appearance of a small set of basic chromosomal transition proteins. These are known as nuclear transition proteins. These proteins are located in the nucleus and are highly expressed in the testis. Belongs to the nuclear transition protein 2 family.

Function:

In the elongating spermatids of mammals, the conversion of nucleosomal chromatin to the compact, non-nucleosomal form found in the sperm nucleus is associated with the appearance of a small set of basic chromosomal transition proteins.

Subcellular Location:

Nuclear

Tissue Specificity:

Expressed by spermatids (at protein level)

Similarity:

Belongs to the nuclear transition protein 2 family.

SWISS:

Q05952

Gene ID:

7142

Database links:

[Entrez Gene: 7142](#) Human

[Omicron: 190232](#) Human

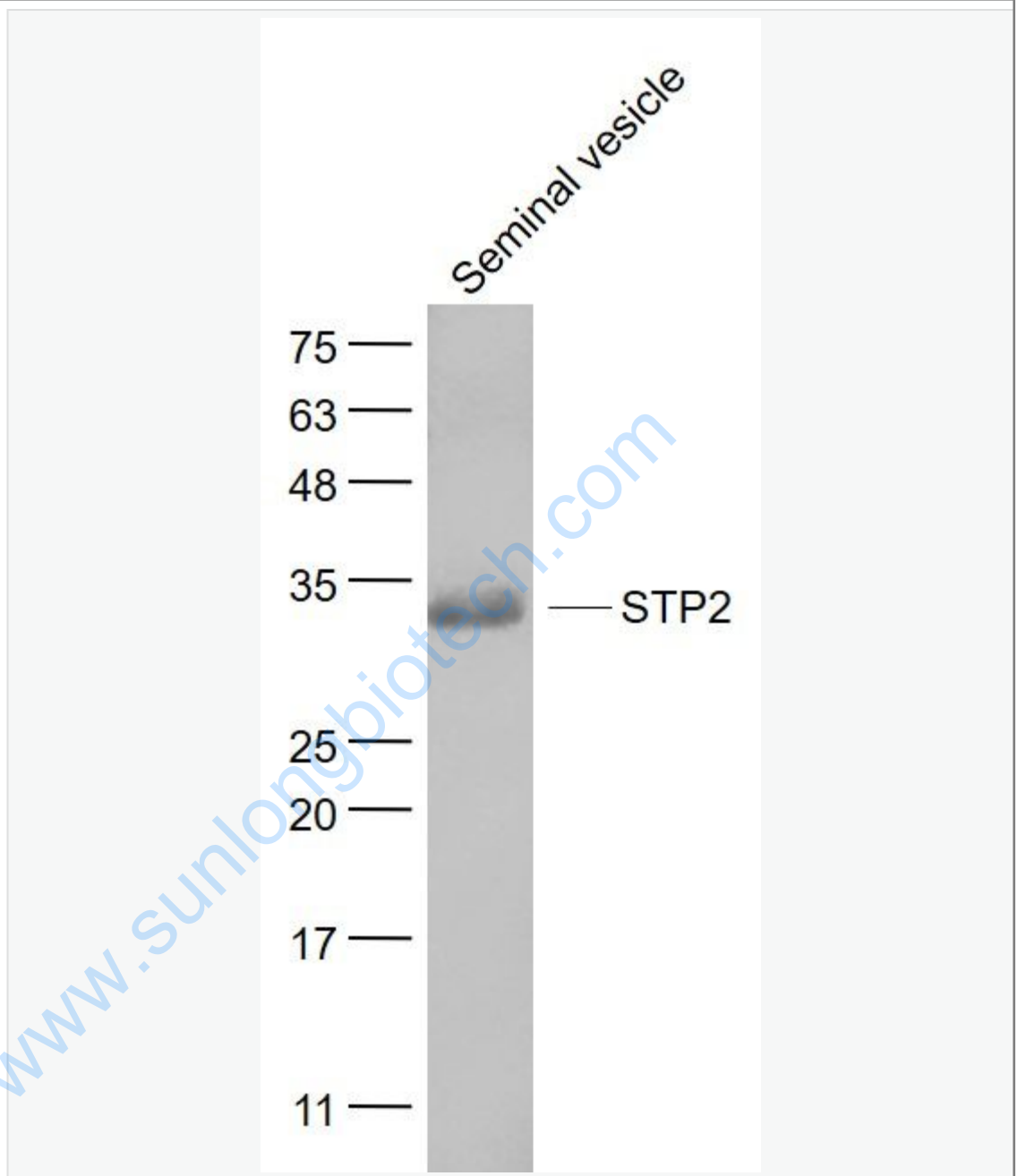
[SwissProt: Q05952](#) Human

[Unigene: 513349](#) Human

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Picture:



Sample:

Seminal vesicle(Mouse) Lysate at 40 ug

Primary: Anti- STP2 (SL7461R) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 34 kD

	Observed band size: 34 kD
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